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**On the Cover:** Pericyte Rho GTPase signaling regulates capillary endothelial cell proliferation. Dominant-active Rho GTPase-expressing pericytes (shown), co-cultured with capillary endothelial cells, exhibit marked alterations in shape and contractile phenotype, and microvascular endothelial cell proliferation is significantly impaired by manipulating pericyte Rho GTPase signal transduction. (red, anti- $\alpha$  smooth muscle actin IgG + BrdU; green, anti-myc IgG; blue, Hoechst dye) (see page 693).

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